

AND from MAND!

POEMS

TK RAMCHAND

APP from MAP!

## Poems

**TK Ramchand**

The second and fourth poems are recently written.

All the other poems were written long ago,  
the dates of which are given. Now, in some cases, slight  
changes are made here and there to make it up to date!



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This hoarding wrought and put up by KELVA NAGARI Police Station of Maharashtra, India, is indeed very conspicuous!

# 1. PRELUDE!

28 – 06 - 1997

Writing pure science in verse is horrible  
If even blank verse, not pardonable,  
Agree; but it's needed, though not prelude,  
As basic knowledge, book this can't exclude.

Being pained to see the blunders performed,  
Able not to feel the meanings informed,  
Eager to find answers to questions-  
Raised by the true ferreting, mind's actions,  
Humbly I present: these problems to you  
And expect to hear the replies from you.

Twisting things not good, for argument's sake,  
Answers direct, if not coming, forsake.  
There's no exaggeration the slightest;  
Only, actually what's seen and heard best  
Reproduced with proof and then presented  
As doubts genuine and answers are awaited!

When ideas choke, words few to report,  
And the means of presentation distort.  
Read between lines, pardon for crimes committed  
Only few most needed chapters, pure science meted!  
Please have patience enough to go through lines  
Only serious efforts will give gains.

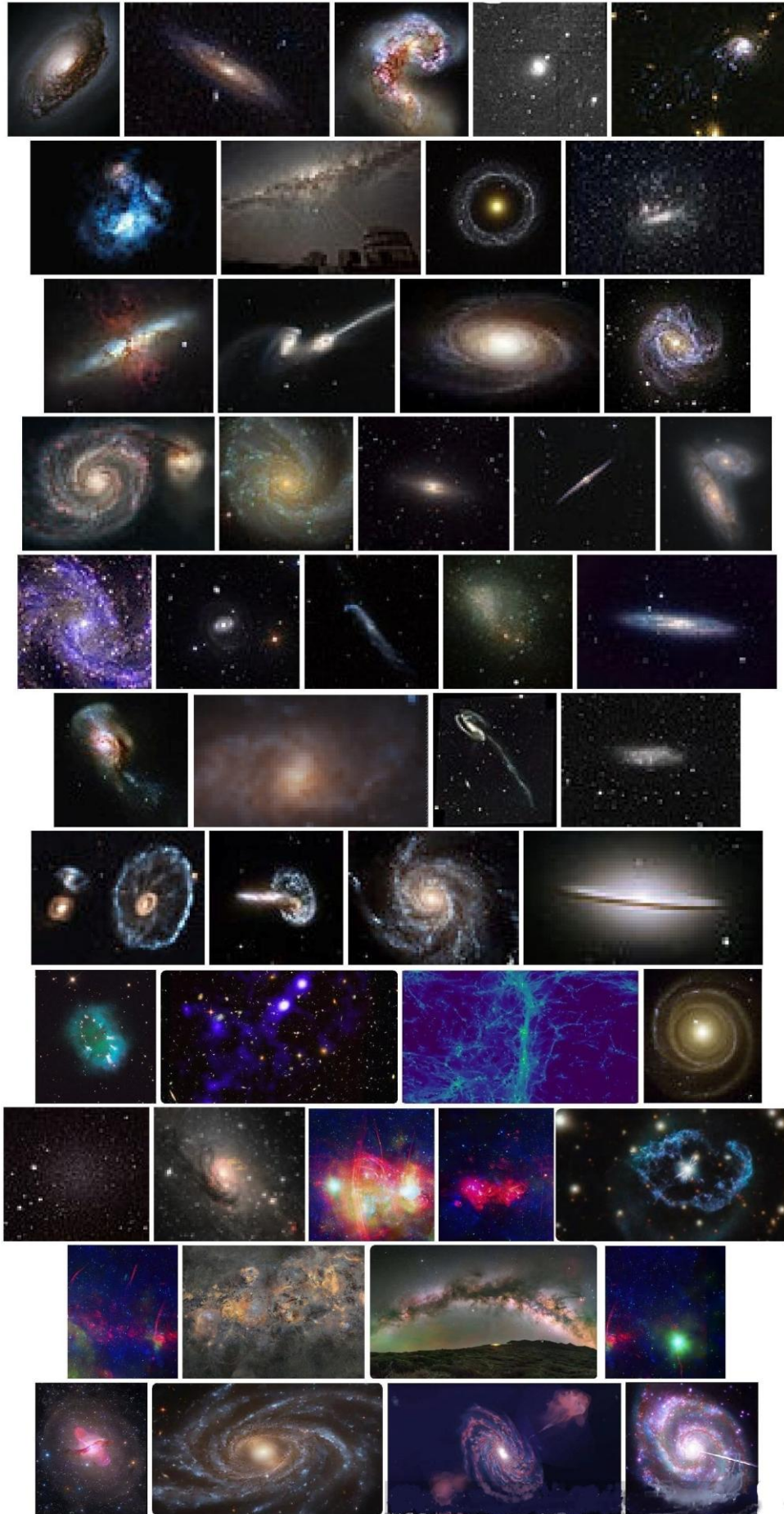
Read, read and think, and read again to think  
Save yourself from superstitions, don't sink

But, if you are one who argues and frowns  
That both the rabbits you caught had three horns!  
And if someone brings a rabbit to you  
And shows that it has no horns, then too you -  
Say, that may not have, but those caught by you  
Had; I bow, check your head too please, thank you!

((((((O))))))

## 2. UNIVERSE!

GALAXIES AND NABULAE KNOWN TO MAN!





(A **nebula** is a cloud **of** dust and gas, usually tens to hundreds **of** light years across. A **galaxy** is much larger — usually thousands to hundreds **of** thousands **of** light years across. **Nebulae** are one **of the** many things that **galaxies** are made **of**, along with stars, black holes, cosmic dust, dark matter and much more.)

In the image given above, the left end Nebulae on the fourth row from the bottom known as Necklace Nebulae is 15,000 light years away from earth!  
Light is the fastest-moving stuff in the universe. It travels at an incredible 186,000 miles (300,000 km) per second.

MACS0647-JD is the farthest known galaxy from the Earth based on the photometric redshift. It has a redshift of about  $z = 10.7$ , equivalent to a light travel distance of 13.26 billion light-years (4 billion parsecs). It formed about 427 million years after the Big Bang.

Distance: 13,300,000,000 ly ( $4.077798537 \times 10^9$  ...

Number of stars: 1 billion ( $1 \times 10^9$ )

Light is the fastest-moving stuff in the universe.

A **light-year** is a unit of distance. It is the distance that **light** can travel in one **year**.

**Light** moves at a velocity of about 300,000 kilo-meters (km); 186,000 miles each second. So in one **year**, it can travel about 10 trillion km.

Galaxies and what they are made of all change their positions!

Universe is limitless! It is infinite! It has no end! It spreads, spreads and spreads!

Many religions and the whole of humanity, with very few exceptions, believe God created Universe!

If God created universe a question arises where was God? He can't be inside the universe which He creates! Commonsense is not able to even imagine it. (Agree Man has limitations! Man has evolved, accustomed to seeing things coming into existence and extinction of existence! So, human being can't think of something else, otherwise! Rarely can anyone think otherwise! Only very few are exemptions! Man can think only in terms of coming into being and perishing! But, there is one exception! Man is ready to believe that God existed! Yet, Man is not ready to believe universe existed!) That means the conception is absurd!

## UNIVERSE! CREATED OR EXISTED?!

Religions do say God created Universe!  
So, question arises about God's presence!  
Where was He, He can't be inside Universe!  
He has to be somewhere outside the Universe!  
But, fact Universe is endless, makes a reverse!  
Don't get excited, if one believes the converse!  
Where can there be a place outside the infinity?  
So, concept doesn't stand, isn't it against reality!  
Exposed stands cunning hidden cheating mentality!  
It may take time to get proved, the living absurdity!

There is nothing stable in universe!  
Everything is changing every second!  
The virus is mutating! And Man agitating!  
But, God the great is liquidating!

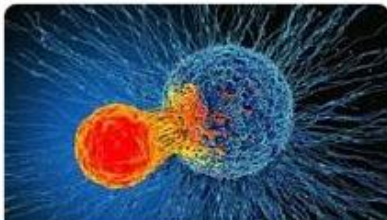
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### 3.SPECIAL CREATION THEORY!

10-02-1997

Different religions', concepts differ!  
On the origin of life they offer!  
Universe and organisms, created  
God in days six; Genesis so stated!  
"Theory Creation Special", tells right  
God created on the first day, blessed light  
Second day sky; land, sea, plant life on day  
Third; the sun, the moon and stars on fourth day,  
Animals aquatic and birds, day fifth;  
Animals of land, He and She, day sixth.  
But, this can't at all be substantiated:  
Scientific evidences stated:  
Facts put forward and corroborated,  
Logic not at all, it's fabricated!  
Ordinary commonsense if could think  
Logically, that's sufficient for monk  
Clever; we must understand it well now!  
'Natural Selection Theory' owe  
Fully, Darwin, who DIGESTED The Bible,  
TOOK DEGREE FOR CLERGYMAN; ignoble-  
He might felt, for he knew, "There can't be light,  
Source-less; something - lightning, fire, sun, star – bright!  
But, sky created only second day; sun -  
And other sources fourth day, what a fun!  
Saying 'day and night', when there was no sun  
Nonsense; lambs poor are allowed to think none!  
Concepts morning, evening too such blunder!"  
Years research, did Darwin, and like thunder  
He presented book 'Origin of Species',  
Which became the only worthy thesis!

For long it was a challenging question  
In the armour of Believers: to mention!  
CAN SCIENCE CREATE LIFE ANYWHERE?!  
Alas! There never had to it for long: an answer!  
But, now time has come! In 2010 here is answer!



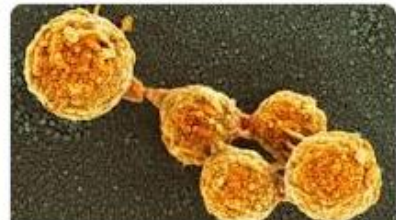
**WION**

Scientists developed  
artificial cell that grows  
like a natural one



**FIRSTPOST.**

Synthetic bacteria-like  
'minimal' cell can now  
divide and grow like  
natural cells do



**NS** [New Scientist](#)

[Artificial life made in lab  
can grow and divide like  
natural bacteria](#)

The next question will be, "Can science create a Man?" Time will answer!  
((((0))))

## 4. ARE GOD'S CREATIONS: PERFECT?!

All believers of religions pray to God!  
Brings to His notice difficulties one faces!  
Requests for help! Some religions give food,  
Shelter and even bath to Gods!  
So, one thing is amply clear that the concept -  
Of God: is having, ears to hear, brain to understand -  
And think, and or stomach, mouth and all organs -  
Like that of Man! So, no doubt that it is a living being!  
Life has its own limitations! Among many to mention,  
One is the limit to which life can exist!  
Against this, religions have given God immortality!  
Says God outlives! This is quite against the laws of nature!  
Is it believable, a living being creating the infinite universe?!  
If God's creation is perfect why haircut, why shaving?!  
Why shaving off eyebrows: and instead painting them?!  
Why do you cut the nails?! Why do you clean the teeth?!  
Why do you wear the dresses?! Why do you feel shame?!  
Why cosmetics?! Why these cosmetic operations?!  
If creation was perfect why Man gets infected by diseases?!  
Why Man takes medicines?! Why circumcision?! Why?!  
Why Man so cruelly cut away portions of genital organs  
Of both XOMES and YOMES?! Why?! Why?! Why?! Why?!  
Why the LUNATICS created?! Why the COMBINED TWINS too?!

### GOD'S CREATIONS ARE ALL PERFECT!

#### 1. LUNATICS!





**GOD'S CREATIONS ARE ALL PERFECT!**  
**2. COBINED TWINS!**



Wonderful! Aren't they?! Wonderful: isn't God's ability?!  
Gods believe in diversity in unity too!  
See! Two in one! Walking on four hands!  
Great is God the Omnipotent! The Omniscient!  
Man can't compete with God!  
There are lots and lots of examples to confirm!  
The DEAF, DUMB, BLIND and LAME are jest few to mention!  
((((0))))

## 5. THE RIB RIDDLE!

15 – 01 - 1997

From beginning, born enemies they were;  
The Religion, the child of love and fear-  
And imagination; and the Science,  
Cherub of the Man's well searching conscience!  
One religion tells that God created  
XOME, with rib from YOME extracted!  
    Invites this naturally us, to have  
    A very close look, what do there we have:  
    At Thoracic Cage of human beings,  
    Both the sexes alike: do have the things  
    Sternum front, and twelve Vertebrae at back,  
    And twelve pairs of Ribs at sides; do not lack,  
    Both identical cases, they are found  
    Unattached to front are last two pairs - sound!  
Had a rib been taken from the YOME  
Definitely should have had one less than  
XOME, with number of ribs on one side  
Even: and odd one on the other side!  
For God didn't replace the rib, with one fresh  
But He "instead thereof, closed up the flesh!"  
    This is what the Book says; slips natural  
    To authors; but, we salute cultural,  
    Pictorial and imaginative  
    Descriptions that Thee present creative,  
    Oh! Writers of all Books that are Holy!  
    Expecting from thee perfection, folly  
    We know, for it was a time when there wasn't.  
    Anything for reference; for, nascent  
    Were they then; didn't have our Carbon Dating  
    But: mere visualization writing!  
Affairs being so, the question: arises Why XOME  
Was not created first, and then with rib of XOME  
YOME created? Was it planned penned, to discriminate  
The fair sex; by authors of BOOKS RELIGIOUS to humiliate!

((((0))))

## 6. ENLIGHTEN - WE THE IGNRANT!

27 – 12 - 1996

From nothingness, God the great created  
The heaven, the earth, darkness and lighted!  
Moon, sun, day, night, His imagination  
Made the earth bring forth all vegetation!  
Let the waters bring forth moving creature  
That hath life, fowls flying over nature!  
And then He made the man in His image!  
(Don't know who gave name and taught him language!)  
Planted garden and the tree of knowledge  
Of good and evil that led man indulge -  
In eating that forbidden fruit, and sin,  
Know not why evil too included in -  
The tree of knowledge; for, till then there wasn't  
Any good or evil, earth fresh was so; isn't?  
If then, only 'good' was included in,  
Earth would've been a better place to live in!

How can serpent be made responsible?  
For God gave him a brain insensible!  
God made blood, brain, bone, flesh and commonsense.  
None other existed to make intelligence!

Why He brought a sense of evil unto  
Earth, and then prohibited tread on to?  
The Woman and Man were then deceived  
For God gave them a brain ill conceived  
(Cursing the fool giving him to hang: enough coir?)  
"To err is human!" Can Almighty err?  
For ever, He made, He-She enmity  
Between their seeds too, instead unity!  
He brought Devil Enmity unto world!  
Ignorant we, enlighten many fold!

(((0)))



## 7. UNITE – REWRITE!

21 - 12 - 1996

Oh! Fair sex of the world, hurry, unite  
All religious books you quickly re-rite,  
Reveal the latent all hypocrisy,  
Calculated criminal conspiracy!  
You, subjected to humiliation,  
Raise voice against the discrimination.  
Religious fundamentalism on rise  
Is sure to try your efforts neutralize.

Before writing, you refine your language  
Check any discriminative usage.  
Even world languages, many devious  
Feminine gender words quite obvious!  
Many are derived from other gender  
They will never it admit a blunder!  
Research and find out, whether there are  
Entirely different words to denote!

Let replace 'XOME and 'YOME', 'woman and man  
Synonyms may be 'She-man' and 'He-man'!  
'Human beings', 'mankind', 'humanity'  
"Man': together sexes in parity.  
"Gentleman', one gentle among mankind,  
"Man': common gender, not masculine kind.  
No 'female'; it's from 'male', with 'fe' prefix  
Then ...man' was all right; but '...person a fix.  
'Mrs.' and 'Miss.' giving way to 'Ms.', for  
It's like: 'Mr.', doesn't clarify 'Mrs.', or ' Miss.'.

Create not God, sadist, misogynist,  
Or flattery addict, but feminist;  
Perfect, every perfect of perfection!  
Not avenger or egoist in fiction!

(((0)))

## 8. XOMES RISE!

23 - 12 - 1996

Have 'XOMES' ever founded a religion?  
Oh! You start one, now, anew in union!  
Writers of books holy, founding fathers  
Of religions, dug the trick that bothers!

Doubtless, first one proves His ability -  
To create directly, man the petty!  
There wasn't need for any rib from he-man  
To be taken to create the she-man!  
Look back, mean aim that's behind the story  
Crystal clear, to paint the she-men the sorry  
Figure of one who's 'YOME'S' inferior!  
Wonder why, still here he's superior!

Yonder see! The right to enter the place  
Sanctum sanctorum ban, she has to face!  
Doomed you're to confine to home, your prayers  
Authors holy, freedom yours destroyers!  
Polygamy can; 'TALAK' at his will  
And compensation, often a big nil!  
Aren't you compelled, wear face covering robes?  
Never will God be partial, doesn't need probes,  
For He's incarnation of all wises  
In toto a hater of all vices!

Ever: any 'YOME' thrown on his wife's pyre?  
Never! You couldn't frown, you slaves can't them fire!  
Ever any 'YOME'S' head clean shaven, dressed  
White; denied remarriage and suppressed?

Holy writers, stories wrote, created model -  
Seeming characters, appeal-soul-citadel!  
Content fatal, Books present; on petals -  
Write fresh "...wife's death ... chops off ... his genitals"!

(((0)))

## 9. HUSH! PRAYER GOING ON!

28 – 11 - 1996

Why you pray Him? Does He like flattery?!  
So mean to reciprocate treachery?  
Only mean man would like to give his nod  
Ha! Could that be an attribute of God?!  
Praise child, you could get done what's in your mind!  
Is God too with an undeveloped mind?!  
Please The Rich or The Ruler, rewards sure,  
Are Gods too so?! Then can't be called Gods pure!

Isn't still worse, that the Gods too take vengeance  
On all who wouldn't praise Him against conscience?!  
What predicament! A God impatient!  
Confused are we, all the ignorant!  
Choked with answerless doubts too important!

Why choose songs? Isn't for duping Innocent?  
Hay! You know, God likes latest film songs, isn't?  
Please quench these questions' curiosity!  
To pray, why songs, with enchanting beauty?!  
Isn't its captivating capacity -  
Truly fascinating sonority,  
Prompt select songs to cheat humanity?  
Tunes, rhythms, melody's utility,  
In praying Him great His nobility  
(Real God lovers feel it futility!)

To pray, what's the need of a third party?  
(Broker to pray for: What a distortion!)  
Isn't it criminal impersonation?  
(Unworthy: any, appreciation?)  
What kind of moral degeneration!  
(Parent taking treatment, instead Patient)

\*\*\*\*\*

Hush! How ferreted out, He likes songs, potent?

(((0)))



## 10. THE CELIBACY QUESTION?

21 – 01 – 1997

**'Be fruitful, and you multiply'**, thus God  
Blessed all the living creatures, that the God  
Created, and the same He repeated  
To man 'XOME and YOME,' He created.  
Asked He, all of them, to 'replenish earth'  
With their multiplication - for its worth!

So, isn't celibacy an act against  
Order: wishes of God - enthusiast?  
But what are the SOME: so called assistants,  
Who do pretend as lambs - the TRUCULENTS -  
Doing to cheat the man the innocent!

Priests and nuns, the supposed omniscient  
Too close masses not - to omnipotent  
Do remain unmarried in important  
Branches of some famous vast religions,  
Just to put on airs of most saint patrons,  
To show they are doing great sacrifice  
For the sake of God, to see Him suffice!

If questioned you would say, "To serve mankind  
Our Christ, didn't marry; so, to be that kind  
We too would like to remain unmarried  
To do the maximum to the worried  
Man, and earn them coveted salvation!"  
Ha! Ha! What a wonderful solution!

**But forgot the fact that God's Son himself**  
**Too, did disobey the God, neglected self**  
**Standing orders, God proclaimed from outset!**  
See: that was when scarce was life at onset.

Still conundrum is, if God could see dearth  
Faced by lives, why didn't revoke wish of birth?!

((((0))))

# 11. REHABILITATION!!!

25/11/ 96

For the cause of poor, and the down-trodden Fearless pleaded He! Divine cheats-ridden - Hierarchy, you bugs crucified Him! Judas' crime, conspiracy, sin - not whim!	4
Storm against you, you smelt - too violent, Tunes, you changed to music sweet – virulent! Onto cling, you feint pray Him - what a fraud! Metamorphosed they; Thee a semi-god!	8
Spurt-dissents, you crush with hand that's brutal Voice against exploits, you label, mortal- Blasphemy; sentence 'fatwa': what strife!	
Malefactor! Oh! You threatened Him, life! Forced Him sign against His conscience and truth, 'Not sun that's at centre; there, it's the earth!'	12
For 'Natural Selection Theory', Cruelly censured Him, your endless worry! Knells ringing, near heard, you fought, tooth and nail! Doom! Survival test of fittest you fail.	16
"Revolution can't counter, Evolution, Darkness if ends, our elimination - Sure; instant must be done something!" you felt All the crooks; conspired and voted new tilt! Danger existence, shameless you turn plate - One by one; them, you rehabilitate!!!	20 24
SERMONS, PREACHINGS, PROPHECIES; damn nonsense! Even who fell prey, regains their conscience! Prudence-spread, can't be bridled long you learnt! Plots can't finish none US off don't lament. Lifeless! Live! Let exist them turn We Saviour! Or else, sure, WE turn our own destroyer!	28 30

(((0)))

11 'fatwa' – order to kill someone supposed to have said something about God.

12, 13, 14 – sometime back Galileo was rehabilitated.

15 to 24 - recently Darwin was rehabilitated.

## 12. YOU TOO SADIST!

28 – 12 - 1996

We see him, tongue, cheeks thrust through with lances!  
We see him, thin cane sent through, made-skin-looses!  
We see him, rolls round sacrosanct places!  
We see him, does various kinds penances!  
We see him, beats own chest, hard, and blood oozes!  
We see him, re-acts, hands, legs nailed on crosses!  
We see him, inflicts pain on self; Loses, senses!  
We see him, fast, and fast unto death-cases!

Do You, appreciate all these vices?  
Do, You, like to see sufferings of mass's?  
Are you pleased, proud? Nay, pride. What nobility!  
Are You a Sadist? Are You blood thirsty?

It's heard, killing of every beast, You like!  
It's heard, killing of every fowl, You like!  
You wanted burnt offerings on the altar!  
(Offal: Vegetarians won't alter.)  
Heard, that You asked, Man's child as Sacrifice,  
Enjoyed All's agony: when felt suffice  
Restored it and returned it, to save face!

Though You different, the same tale surface!  
Whatever by name they call Thee, there's one thing  
Common; to You Man's sufferings, plaything!  
Humph: So-called saviour of humanity,  
It's alarming to see You blood-thirsty!

It would be good if there's a confession;  
To confirm, that there is no confusion!

Reports old: are there, that You yourself told,  
You require the blood of man! Oh! Behold!  
Ah! Pity the Man, so poor his concepts!  
Are these qualities, stock in Thy precepts?!

((((0))))



## 13. A THESIS ON GOD!

01 – 01 - 1997

Poets many have sung of God Almighty

But worm too has something to say, mighty!

The hymns say He is: The omnipotent of all the real loves,  
The noble creator of all the lives,  
The omniscient of all present MIGHTS,  
Concentration of all abilities,  
Nucleus of energies known, unknown,  
The preserver of all prosperity,  
The essence of all the humility,  
The embodiment of all the things good,  
The generosity personified,  
The incarnation of all the genius,  
The quintessence of all the known virtues,  
The protector: of matter, live, lifeless,  
The limitless than all the limitless,  
That one pervades everywhere at all times!

But: Religions draw a picture different,  
Along with these, vices too are present,  
The zealous quest alone could ferret out.

He: Blood thirsty - likes animals, birds killed out!  
Could be cajoled - flattery He well likes!  
Sadist - man self-inflicting pain, He likes!  
Cheat - induced bad instinct in Man to Sin!  
PARTIALIST - He treats sexes not akin!  
Rogue - hiding himself He killed opponent!  
Wretch - getting three-feet-space, He changed extent!  
Envious - trampled the good King to hell!  
Creator of devil and enmity,  
For, all things He made from NIHILITY!

**((((0))))**

P.S. 21 to 24 and 29, 30 already dealt with previously.

25 In one religion, in the name of God XOMES are not treated as equals with YOMES. In another religion they are even thrown on the husband's pyre.

26 In one religion the 'avathara' (incarnation) of God did it.

27, 28 Another 'avathara' of God did it.

## 14. gods NOT GODS!

02 – 09 -1997

If, God created all in universe  
Sun, moon, plants, planets, earth, animals, stars -  
Who else can be responsible for what -  
Happens therein, good or bad, no secret!

If a man turns criminal treacherous,  
Murderer, robber, rapist lecherous,  
Isn't it as the man's THINKING, EMOTIONS  
Go awry without having, restrictions?  
And it's so, because God gave them a brain  
That works in that direction, no constrain!  
Then what right has He, to test or punish  
The victim of His fault, and try tarnish!?

God, if of ability great, surely  
With each individual, directly  
He could deal matters simultaneously!  
Isn't God's inability clearly  
Shown by presence of broker, in between  
God and man to communicate between!?

If man went out of His control, then too  
god's bankruptcy the villain, gods not Gods!!!

(Can anyone from any religion  
Clear these doubts that pervade every region?)

Are all handicapped, psychopaths, sick-man  
The result of God playing the dice: then?  
IN MAN'S CREATION, WAS HE PLAYING DICE?!  
IS DICE PLAYING APT TO GOD? Please think twice,  
Intellectuals, philosophers, thinkers,  
Wizards of religions – God-mongers!

Man's existence came not by creation,  
But as resultant of EVOLUTION!

((((0))))

## 15. EVOLUTION!

14 – 07 - 1997

Evolution's definitions many,  
It's Poison to many, to the few honey!  
Inorganic, Physical, Chemical,  
The Organic or Biological,  
Cultural and Future evolutions  
Are different kinds of evolutions!  
Evolution is a long drawn process  
Millions and millions of years: in duress.  
Universe was formed by evolution,  
The Stars, Sun, Planets and constitution -  
Of all that are lifeless or having, life  
Were, all spontaneous result: of the strife.  
It's development of more complex forms  
Of life from simpler and earlier forms!  
Evolution means, life progressed from One-  
Celled-organism to its highest one,  
Man, by series of biological -  
Changes, through millions of years logical!

Living things came out of water to live  
On land, found fins turned into legs - believe!  
Gills into lungs and scales into fur: not -  
One fine morning, but through years millions lot.  
Through generations the living things' change -  
Has been going on: this process of change  
So long, to produce all the groups and kinds  
Now living and lived long ago, but finds  
Extinct now: different living things are  
Related to each other, though not par!  
All present day Protists, Plants, Animals  
Came from pre-existing forms - give annals!



Protists are a diverse collection of organisms. While exceptions exist, they are primarily microscopic and unicellular, or made up of a single cell. The cells of protists are highly organized with a nucleus and specialized cellular machinery called organelles.

This is just one example! They are of many kinds!

The manifestation of even a  
Very small change requires thousands years! Say!  
So, Man in short period of life cannot  
See or feel evolutionary knot -  
Of changes, incredibly slow process,  
One kind of life transforms in small doses  
To another, a modified descent!

In nineteen fifty three Urey and student -  
Miller, devised experiment to shun  
Indirect evidences of evolution -  
Molecular; created condition  
(It was a laboratory situation.)  
Similar to that of primitive earth!

Boiled-water-steam was allowed to mix with  
Vapours of ammonia, hydrogen and  
Methane in a chamber; as a garland  
Gave electric shock that stimulated  
The lightning, of primitive earth heated,  
And then the mixture cooled in condenser.  
Liquified and the liquid was answer.

Two weeks after treatment, when analysed  
By chromatography, contained visualized  
Simple organic compounds, such acids,  
Amino acids, hydroxy acids,  
Aliphatic acids; amino acids -  
Included glycine, alanine, acids -  
Aspartic and glutamic, that are the  
Building, blocks of proteins and thus form  
Major components of life detected -  
SCHOPF, twenty two amino acids fitted!

In a rock three thousand million years old:  
Life's molecular evolution fold  
This supports: methane-ammonia-water  
Mixtures when irradiated cater  
Ribose and Deoxy-rebose sugars.

Hydrogen, ammonia, water vapours  
And methane when exposed to electric

Discharge, gave fatty acids - acetic,  
Formic, propionic variety.

The scientist has his curiosity!  
In nineteen seventy, Doctor Khorana  
Synthesized mighty gene, a DNA  
Molecule containing, nucleotides  
Seventy seven; got Nobel Prize, prides  
Himself: a small particle virus-like  
Called Viroid, was discovered - just, a speck  
Of nucleic acid, without protein  
Coating appears intermediate between  
Living protoplasm and the non-living  
Complex organic compounds; convincing!

Being slow, the evolutionary  
Process cannot be seen in a hurry  
During his short span of life, and so can -  
Be understood by us only by scan  
Comparative study between living  
And extinct animals: so, convincing -  
Evidences to support evolution  
Inevitable: that, evolution -  
Organic took place since life's origin  
To be proved, concrete evidences reign!

Evidences from external structures  
Comparison of internal structures,  
The development of organisms from  
The egg to the adult stage, do inform,  
Animals' activity functional  
And composition bio-chemical  
All the organisms' classification  
Written documents of evolution;  
Fossils and their study explain doctrine.

Geographical evidences sovereign  
As plants and animals' distribution  
On earth gives good proof of evolution.  
New varieties of plants and animals  
Developed by selective breeding: tells  
Story of organic evolution!  
New species joined by hybridization



Give high-yielding plants, animals and birds.  
The latest advance "cloning" quickly spreads:  
If man could create so, in period short  
No wonder nature took long to make us smart!

Hundred and fifty three years ago, when  
The surroundings were light-coloured, it then  
Was inhabited by white-coloured moths!  
As industries developed modern moths  
Changed their colour black, as soot-deposit  
Changed environment black: what a strange shift  
To escape from enemies, correction;  
Natural directional selection  
Happened this in Great Briton, not long back!

Cavalli and Maccacre could not sack  
Escherichia Coli Colon bacteria:  
They increased resistance, drug-phobia,  
Two hundred and fifty times resistance -  
Increased-Coli could be raised, scientists since.

Well known it is that insecticides like  
DDT had very effective strike-  
Power on many species of insect pests!  
But the new generations of the pests  
Found resistance accrued and DDT  
Have no lethal effect guarantee!

Change of colour of moths, drug resistance  
Bacteria E.Coli acquired, for instance,  
And DDT resistance the insects  
Managed are really that what detects  
Evolution of present day, we all  
Know well, then why you wonder nature's call?

Environment controls the organisms,  
But the internal urge of organisms  
Lead to changes ultimately needed.  
Giraffe earned long neck for which they pleaded  
To reach tree top leaves, as there was heavy  
Demand for low level leaves; no levy  
Nature did collect for service rendered  
Non-web footed birds found fish-food, wondered,

Craved to sail, web-foot aquatic birds got;  
Wading birds - long, legs disuse of eyes brought  
Degenerated eyes to cave dwellers!

To Proteus they no longer are thrillers  
Disuse made rudimentary their eyes:  
Flight conditions lost in Kiwi's wings' case!  
Ear muscles of man can't his Pinna move:  
Strong winds of the island Medelra have  
Made Beetles wingless, as they couldn't use wings;  
Vestigial organs, result of such things!

Species' disappearance complete on earth  
That's extinction, may be due to mass death.  
Known extinct animal groups important  
Fourteen including, the Dinosaurs, portent.  
Wide spread volcanism or fluctuations  
Extreme in temperature; competitions  
Kilometres diameter space object  
Might kicked dust to block sunlight on impact  
For months, to cool the earth that led plants' death;  
And in turn animals' may be the path  
Of epidemic, or poor faculty  
Of reproduction - reason for calamity!

Fossil of Ichthyostega fills missing-link  
Between fishes and amphibians rank:  
Seymouria links latter and reptiles!  
With characters of both birds and reptiles  
Archaeopteryz fills link missing,  
Feathered wings and three fingers it is having,  
Free fingers with claws at the end of wings  
Forelimbs of the amphibian, still hangs  
Though as its wings forelimbs are modified  
Variation is clearly fortified.

Recombination, Hybridization,  
Founders Effect, Gene flow, Migration,  
Genetic Drift, Natural Selection  
Isolation, Mutation, the foundation,

Spontaneous change in gene, or chromosome  
Is Mutation; mutagenic agents some

Are radiations, Gamma and Alpha rays  
The Ultraviolet and Beta rays,  
Infrared rays and finally the X-rays!  
Temperature helped and so did the guys.

Evolution doesn't end with birth of Man,  
He is still evolving, proving, what he can.  
Man's evolution cultural consists  
Phases seven, each of the phase insists  
His urge to progress: Old Stone Age tools made,  
Of pebble choppers and scrapers well tried  
Bone tools, axes, knives, needles and so on.  
Middle Stone Age found peoples' small groups born,  
Fishing, hunting with bows, arrows, spearheads.  
Agriculture, farming, settlement heads  
New Stone Age houses, copper ornaments, carvings,  
Urban civilization and paintings!

Man began to communicate with sounds  
Of pain, joy, danger, food's presence that bounds  
The end of long, search, with gestures of threat,  
Postures of submission and facial treat.  
This led to the evolution of speech,  
Speech to language; but ideas to reach  
Far away needed recording and that  
Made script's evolution; now world is fat  
With information explosion vital!  
Through Bronze, Iron, Machine, Atomic fatal  
Age, we have evolved to age present.  
Evolution, spontaneous; not enforcement!



A fossil of the newfound ichthyosaur, *Cartorhynchus lenticarpus*, shows the creature was built for land and sea.

PHOTOGRAPH BY DR. RYOSUKE MOTANI

**First Amphibious "Sea Monster" Found; Fills Evolutionary Gap**  
*Cartorhynchus lenticarpus*'s body was adapted to live in two worlds.



Fossils fill evolutionary gap!



From Fins to Limbs and Water to Land!

### Newly Discovered Fossil Bird Fills in Gap Between Dinosaurs and Modern Fliers

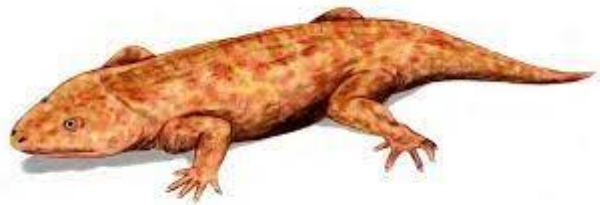
A skeleton from the Cretaceous found in Japan reveals an early bird with a tail nub resembling the avians of today



Mini tyrannosaur fills big evolutionary gap!



Seymouria fossil



Seymouria



Archaeopteryx



Archaeopteryx fossil



The bottom right end: Computer simulation: show evolution of Birds!

(((0)))

## 16. A BEGINNING, TO END!

25 – 03 - 1997

Solar energy sources exciting!  
Scientific thought, since its beginning  
Tried solve puzzles of nature earnestly,  
But it could tackle only recently  
With correct scientific solutions,  
Of our sun's past, present, future; questions  
Concerned could be answered by science's progress,  
**'The Birth and Death of the Sun'**, book impress.  
George Gemow, the internationally  
Known scientist, in that book finally  
Describes the evolution very well!  
It's retold: to spell bound those who think well.

Long, long and long ago: then it started,  
Universe-evolution, unabated!  
Then it was a space uniformly filled  
With unbelievably hot, dense gas – broiled!  
Went on easily, process numerous -  
Nuclear transformation of various  
Elements; gold and silver formed were rare,  
Iron and oxygen, great abundance: were!

That early epoch was much effective,  
Formation of long-lived radioactive  
Elements which even now not decayed  
Were in pre-historic time: not portrayed!  
Hot compressed gas had pressure tremendous  
So, it broke gas that was continuous  
Into separate irregular clouds  
Of different sizes, which soon towards  
Regular spherical shapes then transformed  
To give individual stars, shapes well formed.

As the universe began to expand  
Density and temperature couldn't stand.  
So, they both of matter, declined slowly.  
Stars were very large still singularly

And not so hot, but process progressive  
Gravitational contraction impressive



Had diminished their big diameters  
And thereby that raised their temperatures.  
In primitive stellar family, mutual  
Collisions among members habitual  
And one of such great encounters gave birth  
To this paradise that we call our Earth!

While stars were growing hotter and hotter,  
Since small, planets couldn't develop better  
Central temperatures necessary  
For thermonuclear reactions carry -  
On, with solid crusts they themselves covered  
And the expansion of gas persevered.

Within galaxies individual,  
Stellar gas broke up into several  
Separate giant clouds of stars; yet as the  
Stellar islands were still close, one to the  
Other, in cases many, their mutual  
Kind of interaction gravitational  
Led: to formation of the arms spiral  
And stars got momentum rotational.

By then most stars of receding stellar  
Islands got too hot, for the thermonuclear  
Reactions of various kinds between  
Hydrogen and light-elements - all in  
Interior, first with deuterium  
And then with lithium, beryllium  
Finally, boron to form nuclear  
'Ash' which is helium - Oh peculiar!

Thus passing through the phases different  
Stars re-acted main 'red giant' development  
The longest part of their evolution!  
No other light-element left; action,  
Stars started to transform their hydrogen  
To helium; elements like nitrogen  
And carbon did catalytic plunder!

In this stage is our sun, don't wonder!  
Sooner or later, all stellar-supply  
Hydrogen must be exhausted; imply,

As our sun is also a star, end sure.  
Massive and luminous stars arrive here  
First, at this point in their evolution  
Critical, and then begin contraction  
Setting free energy gravitational  
Paving instability general  
In many cases to bodies stellar  
And they burst into several smaller  
Fragments, in their brilliant explosion!

Two billion years after institution  
'Creative Process'; it could be sighted,  
Many of the hydrogen depleted  
Stellar fragments possessing densities  
Extremely high and luminosities  
Very low - in space language known 'White Dwarfs'!  
Very sparingly sufficient are proofs -  
Does our sun use its hydrogen-supply?!  
Still it's going strong and has plans to ply  
Ten times longer than it has already.

But, it's gradually getting ready  
To threaten to burn up everything on  
The surface of the earth surviving on,  
By it becoming hotter and hotter,  
From now several billion years later  
Before it passes through its peculiar  
Maximum luminosity like fire  
And when it would well begin to contract!  
Process can neither retract nor protract!

While old spendthrift stars die; from gaseous  
Materials left over, numerous  
New stars are being formed; since original  
Stellar creation left material  
Gaseous, without consuming fully!  
Yet, not much solace to welcome cheerfully!  
Why? You know! As time passes on, some time  
In the future, most of the stars - sublime  
Too belonging to innumerable  
Stellar islands: sure are vulnerable,  
And they too would grow older and older!

About twelve thousand million years after  
The formation of what's the universe  
Or from now, some ten thousand million years,  
Will find infinite space that's sparsely filled  
With stellar islands still receding thrilled,  
Populated by dead or dying stars!  
Lo! That's the reality, not a farce.

((((0))))

## 17. SUPERSTITIONS

22/11/1997

(1) THE HINDU dated 19/6/'97. Thirumala, Aug. 18.

Devotee treks on knees.....

(The entire stretch of ten kilo meters  
Length of footpath to the Hills, in nineteen hours  
Did the devotee trek, scaling thousands  
Of steps: with cloths blood-stained and knees bleeding he stands!)  
To please God was feat, for God is sadist!  
Burning your body too, He likes as one best!

(2) THE HTNDU dated 17/9/'97.

Trauma is the price they pay.....

Chennai, Aug.16.

("Fire-walking," could be painfully over  
In minutes few, but the travails linger -  
On, life-long often: 'obviating evils",  
"Or fulfilling vow", may be aim, but perils  
Are great: self deluding practice this, lands  
Not only adults in hospitals, but sends  
Children too, with much of burns serious!  
Sad, children pay for parents vow, spurious!  
Plight of children two - at Childs Trust Hospital -  
Who were 'n father's arms, while making fatal  
Walk on red-hot ember of "Amman Temple"!  
Blistered by heat unbearable, simple -  
Though was his fall, children were tossed inside -  
Right besides 'injuries extensive outside -  
The body, one's face was burned entirely,  
While his brother suffered burns severely -  
Respiratory, both were writhing in pain  
While one was breathless: cases in ruin  
Is a feature, regular every year -

In month of "Aadi ": in fifteen days there -  
 Were twelve cases received at Medical -  
 College, Kilpauk, Burns Department; all local!  
 Permanently, the injuries do mar -  
 The quality of life of children by far!)  
 No God did save the children innocent  
 Instead enjoyed their agony sufficient  
 Can you think of such a God so cruel!  
 And pray Him, Almighty, in approval?

(3) THE HINDU dated 3/2/'97.

Human Sacrifice in Maharashtra, 5 held.

Aurangabad, Feb. 2.

(All residents of Sasti, five persons  
 Admitting to the crime, gave their reasons  
 That by a "Devrishi" great, they were told  
 They would get a treasure trove, if a child  
 Was sacrificed: and girl child five-year-old  
 Ayshabi Mohmood Saudagan was killed'.)

-UNI

(4)THE HTNDU dated 30/4/'97.

Priest, 4 others held for "human sacrifice!"

Jagadapur, April 29.

(Allegedly incited by the priest  
 Four Dorla tribe people, performed in haste  
 Human sacrifice; fearing, its failure -  
 Would lead to extinction of their tribe, sure!  
 Ah! Severed they, head from body of youth  
 Twenty two year old, Nupomla whom death  
 Attacked merciless in M.P., Bastar)  
 No God came to rescue from disaster

-UNI

(5) THE HINDU dated 24/5/'97.

Stirred by superstition man kills five

Munger (Behar), May 23

(The "revelations" of his wife "possessed -  
 By an unseen women ghost", the man rushed  
 Caught in a weird world of witchcraft, he killed  
 His two sisters and three members and filled  
 His wife's tantrums to take revenge for death -  
 Of their twelve-year-old son supposed was with  
 Plan: murdered by his sister who was keen!)

-UNI

Sadist Gods may like deaths from both sides seen!

(6) THE HINDU dated 16/7/'96.

Dies after circumcision

Cairo

(Subjected to clitoridectomy,  
Ten-year-old Egypt girl died: stormy  
United Nations and human rights groups  
Though tried to discourage it, it still crops -  
Up and the practice persists: as, after -  
Sara was taken to barber by her father  
And her external genitals, excised,  
Causing heavy bleeding: pity, obsessed  
Are communities which practise Female -  
Circumcision, as they believe the veil,  
The evil flesh which exposes them to sin,  
If got rid of thus, the girls would refrain!  
U.N. Describe this, a form of female  
Genital mutilation which do fail  
Often and leads to marriages broken,  
As female frigidity is awaken!  
As razor used was contaminated,  
Serious condition was reported,  
Of girl another aged eleven  
At a Cairo hospital! Enlighten!) -DPA

Practice of circumcision is prevalent  
In some sects of few religions; relent  
Not they, stern they execute the Man-made  
Rule - no God: ever asked to be so rude!

The other sex's circumcision is more  
Common, in which the tip skin is the core  
Of the genital organ, subjected  
To the chopping off - brutally thrust frustrated!

Aren't they acting against the Creator?  
Do they consider God as a cheater?  
Do they think God fool, for creating those -  
Parts on human body, just to make these -  
Men sin, and then to punish them for sinning?!  
It's really pity, religious fanning -  
Aversion against the activities  
Of science, act against realities



Of nature: if they turned their axe against  
Appendix, effort wouldn't have been a waste!  
Science, till date didn't at all find use any  
For it other than creating pain in many!  
Can religion any point out, in Scriptures  
Original, where God asks such features?

(7) THE HINDU dated 16/2/'97.

Self-crucifixion

Lawrence (Massachusetts) :

To a wooden cross in a church basement,  
Naked man tried nail himself – derangement!  
As break-in was reported to police,  
Officer when opened door, saw the vice -  
Man, with a Bible in one hand and stark -  
Naked: and bleeding right and left palms! Hark!  
Screaming religious quotes, apparently  
Was trying to crucify himself: rightly -  
Mounting a wooden cross: that stood on floor!) A.P.

Perversion manifestation indoor!

(6) THE HINDU dated 28/3/'97.

Mass suicide by cultist youth in California

Rancho Santa Fe,  
(California,) , March 27

(Found in matching dark pants and tennis shoes  
Bodies of thirty nine young men, news thus goes,  
Were members of Quasi-religious group, none knew,  
But, it closely follows one in a few  
Mass suicides by cult members who believe  
That death enables people not alive  
To transport to planets other, ever!  
Seventy four followers of Order  
Of Solar Temple in France, Switzerland  
And Quebec did suicide, but no link found!) AP

(9) THE HINDU dated 8/5/'97.

ENCINITAS (California)

Ex.cult member found dead:

(One dead and another unconscious found,  
Appeared, attempt to imitate cult's mind) AP

10) THE HINDU dated 30/3/'97.

TOKYO:

Cult's bizarre rituals.

(Doomsday Cult accused of carrying out  
The nineteen ninety five nerve gas onslaught  
On Tokyo's subways once raised lot money  
Selling mouthfuls blood to followers many  
Former cult member told court, he was given  
A "blood initiation" that was raven,  
As he had to pay more than million yen  
For ritual of drinking, blood, that was then  
Described as the blood from guru of cult,  
On trial on seventeen charges court dealt!)

-AP

(11) THE HINDU dated 27/8/'97.  
Cult leader to pay damages.

TOKYO:

(Doomsday cult members, guru including,  
Have been charged with murder, for the killing;  
Twelve persons killed and sickened five thousand and  
Five hundred, in the March ninety five brand  
Attack on Tokyo subways and for nerve  
Gas attack in Matsumoto, the grave  
One, in June ninety four; hundred million  
Was ordered to pay in Japanese yen,  
By a top cult member, to relatives  
Of the people killed, as damages dues!)

-AP

How many innocents inculcated  
Are doomed to participate in exhorted  
Mass suicide; the eternal salvation  
Promised by cult leaders and perversion  
Solidified, they could not but succumb  
To end inevitable, by the bomb!  
Superstition superlative, dancing  
With hood dilated: public menacing

(12) SNAKES DRINKING MILK!

On "Naag Panchami" day milk served to snakes  
Is seen drunk by them and the event takes  
Believers to great heights of ecstasy,  
For, to them snakes too are Gods – fantasy!  
The reality is that actually  
Snakes don't drink milk at all naturally!  
They are allergic to it, that's the fact,

Dysentery-death may be result of act!  
Starved and kept thirsty for days many, snakes  
Haste to drink, milk for water, snake mistakes  
And that's why when fed with milk, they do drink!  
To cheat the man in the name of God, they link  
The drinking of milk to divinity  
Supposed the snakes are having – insanity!

### (13) EDIBLES WASTED! SUPERSTITIONS SOME MORE!

What a lot of lemons are daily wasted  
Kept under wheels of vehicles started!  
White melons thrown broken on roads and streets -  
Too, wasted without being eaten, meets -  
Status superstitions, shame to mankind!  
Coconuts though thrown broken, pieces find  
Their way to mouths having no obsession!

When it was said without any concession,  
Child marriage and 'Sathi' are cruel -  
Superstitions, there was no approval!  
Protested they, even violently:  
Let's avoid repetition, cunningly!

Killer small-pox that once made dances violent,  
Science eradicated in a brilliant  
Way, from earth's surface, where it was considered  
Goddess "Amman" 's prank performed: man wondered!  
Some thought it Goddess' anger and sacrifices  
Made to please Her! When'll man turn sane 'n crisis?

"Like, doctors and nurses in theatre  
Ready to perform operations, wear  
Covering nose and mouth, why they too cover,"  
Asked the boy; the parent finding answer  
None, replied, "It's to avoid death 'f tiny  
Living beings, by being breathed many -  
In: and killed." Boy not satisfied, did put  
Another question, "When they walk, their foot,  
Aren't they killing ants moving, on the ground?  
Look! They are walking, that's what we have found!"

N Kerala, "Sastra Parishad" did prove  
 "Makara Jyothi" is plot to improve  
 Religion's fervour among devotees!  
 Visited the distant place, devotees  
 Every year see the light that's divine!  
 Wood-camphor lit by one group gave that fine  
 Fire! Later PARISHAD too lit fire there,  
 Devotees saw two "VLAKK"s that year!!  
 Every year: it's lit at fixed place, day and time,  
 Cheating man, and giving "JYOTHI" great fame!

Very soon it turned out to be a fad!  
 Sometime back a news flashed, Idols of God  
 Would drink milk on a particular day!  
 With milk, blind believers gathered that day  
 To see at temples: the great God's wonder;  
 In some temples some Gods did the thunder!  
 But, scientists proved well it was nothing  
 But capillary suction!.....Then, bringing -  
 "Vibhoothi" from space and breaking coconuts,  
 With head too were regarded Godly acts!

((((0))))

Page 30:"Aadi" – A month in Tamil era.

"Devrishi" – in this case he is a fraud, a self styled God

Page 31: "clitoridectomy" – excision of clitoris

Page 33: "Naag panchami" – a festival dedicated to snake Gods

Page 34:" Sathi" – the old custom of wife jumping on to husband's pyre

Page 35:" Sastra Parishad" – A scientific association devoted to ferreting out the truths

"Makara" – A month in Malayalam era

" jyothi" – light, or fire with flame

"Vibhoothi" – sacred ash

"vilakk" – jyothi, lamp, light, fire with flame

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